

**Table C-10. Preliminary Federal obligations for total research and development, by agency and performer:  
fiscal year 2001**

[Dollars in millions]

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Agency and subdivision	Total	Intra- mural <sup>1</sup>	Extramural							
			United States and territories							Foreign
			Indus- trial firms	FFRDCs admin by in- dustrial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by nonprofit insti- tutions	State and local govts	
Total, all agencies .....	81,526.2	19,352.4	33,026.2	1,385.5	17,723.6	4,189.1	4,175.6	978.0	410.7	284.9
Departments:										
Department of Agriculture, total .....	1,779.3	1,250.5	10.9	.0	501.5	.0	9.3	.0	3.3	3.8
Agricultural Marketing Service .....	5.3	5.3	.0	.0	.0	.0	.0	.0	.0	.0
Agricultural Research Service .....	968.7	927.9	.0	.0	34.1	.0	3.1	.0	.0	3.6
Animal & Plant Hlth Inspection Svc .....	21.3	18.3	.0	.0	3.0	.0	.0	.0	.0	.0
Cooperative State Research, Education, & Extension Service .....	483.0	29.6	10.8	.0	438.0	.0	3.1	.0	1.5	.0
Economic Research Service .....	55.4	51.9	.0	.0	3.5	.0	.0	.0	.0	.0
Food Safety Inspection Service .....	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
Foreign Agricultural Service .....	1.4	.8	.0	.0	.6	.0	.0	.0	.0	.0
Forest Service .....	229.0	205.8	.2	.0	19.9	.0	1.1	.0	1.8	.2
Grain Inspection Packers & Stockyards Administration .....	5.6	5.6	.0	.0	.0	.0	.0	.0	.0	.0
Nat'l Agricultural Statistics Svc .....	3.9	3.5	.0	.0	.3	.0	-	.0	.0	.0
Rural Business-Cooperative Service .....	5.6	1.6	.0	.0	2.0	.0	2.0	.0	.0	.0
Department of Commerce, total .....	1,127.0	775.8	187.5	.1	126.9	-	24.1	-	12.4	.2
Bureau of the Census .....	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0
Economic Development Admin .....	.6	.1	.1	.0	.2	.0	.2	.0	.0	.0
Nat'l Inst of Standards & Tech .....	481.0	257.3	185.8	.1	31.9	-	5.7	-	.0	.2
Nat'l Oceanic & Atmospheric Admin .....	591.2	505.2	1.6	.0	83.7	.0	.2	.0	.5	.0
National Telecommunications & Information Administration .....	54.0	13.0	.0	.0	11.1	.0	18.0	.0	11.9	.0
Department of Defense, total .....	36,396.6	8,578.8	25,302.3	109.8	1,533.8	254.3	154.3	386.6	10.4	66.4
Department of Defense, research .....	4,410.3	1,496.1	1,548.3	23.4	1,116.6	77.3	94.7	29.1	7.5	17.4
Dept of Defense, development, total .....	31,986.3	7,082.7	23,754.0	86.3	417.2	177.0	59.6	357.5	2.9	49.0
Department of Defense, advanced technology development .....	3,597.5	972.4	2,197.2	15.0	208.5	65.2	40.3	94.2	2.9	2.0
Department of Defense, major systems development .....	28,388.8	6,110.4	21,556.8	71.4	208.7	111.8	19.2	263.3	.1	47.1
Department of the Air Force, research & development (R&D) .....	13,745.6	1,083.5	12,269.1	45.9	114.5	17.2	14.8	194.5	2.8	3.3
Department of the Army, R&D .....	5,310.7	2,072.4	2,989.2	2.2	128.1	35.6	22.0	50.6	7.6	3.0
Department of the Navy, R&D .....	8,748.6	3,346.0	4,804.8	3.7	442.9	21.1	41.6	68.8	.0	19.7
Defense Agencies, R&D, total .....	8,375.9	1,990.2	5,135.4	57.9	845.5	180.3	75.9	50.3	.1	40.3
Ballistic Missile Defense Organization, R&D .....	3,940.4	741.6	3,016.6	32.4	49.5	55.6	1.2	10.0	.0	33.6
Defense Advanced Research Projects Agency, R&D .....	1,940.7	192.9	1,115.7	12.6	441.7	88.0	59.7	23.6	.0	6.4
Defense Information Systems Agency, R&D .....	191.6	62.9	110.1	.0	.0	.0	8.7	9.8	.0	.0
Defense Logistics Agency, R&D .....	86.6	52.8	29.2	.0	3.8	.2	.2	.3	.0	.0
Defense Threat Reduction Agency, R&D .....	366.8	99.9	261.4	2.5	1.6	-	1.0	.1	.0	.4
Joint Staff, R&D .....	75.3	75.3	.0	.0	.0	.0	.0	.0	.0	.0
Special Operations Command, R&D ... Washington Headquarters Services, R&D .....	234.9	72.2	161.4	.0	1.3	.0	.0	.0	.0	.0
Operational Test & Evaluation, R&D, Director .....	176.0	70.9	81.2	-	2.4	.0	.0	21.6	.0	.0
Test & Evaluation, R&D, Deputy Under Secretary of Defense .....	39.7	15.9	22.5	-	.4	.0	.0	.9	.0	.0
Department of Education .....	307.3	38.9	20.3	.0	161.2	.0	70.1	.0	16.8	.0
Department of Energy .....	6,793.5	871.0	1,138.8	1,068.2	706.0	2,399.4	59.7	546.6	3.1	.6

See explanatory information, if any, and SOURCE at end of table.

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			United States and territories							Foreign
			Indus- trial firms	FFRDCs admin by in- dustrial firms	Univer- sities and colleges	FFRDCs admin by univs and colleges	Other non- profit insti- tutions	FFRDCs admin by nonprofit insti- tutions	State and local govts	
Dept of Health & Human Svcs, total .....	19,234.6	3,678.1	1,152.2	186.4	10,967.3	45.8	2,989.8	23.6	131.6	59.7
Administration on Aging .....	31.7	.5	1.0	.0	4.4	.0	11.1	.0	14.6	.0
Admin for Children & Families .....	31.9	1.2	3.1	.0	13.3	.0	11.9	.0	2.4	-
Agency for Healthcare Research and Quality <sup>2</sup> .....	250.0	78.5	58.8	.0	70.5	.0	42.3	.0	.0	.0
Centers for Disease Control & Prevention .....	518.0	378.6	1.0	.0	95.5	.0	36.7	.0	6.1	.0
Food & Drug Administration .....	160.9	133.6	3.5	.0	17.0	.0	5.8	.0	.7	.3
Health Care Financing Admin .....	55.0	-	33.3	.0	5.5	.0	13.7	.0	2.2	.4
Health Resources & Services Admin .....	13.1	2.7	.0	.0	8.3	.0	2.1	.0	.0	.0
National Institutes of Health .....	17,870.4	3,080.7	850.6	186.4	10,714.8	45.8	2,813.5	23.6	96.0	59.1
Office of the Secretary, total .....	21.6	2.3	.7	.0	9.8	.0	7.7	.0	1.2	.0
Office of the Assistant Secretary, Planning & Evaluation .....	17.0	1.9	.7	.0	5.6	.0	7.7	.0	1.2	.0
Office of Public Hlth & Science .....	4.6	.4	.0	.0	4.2	.0	.0	.0	.0	.0
Substance Abuse & Mental Health Services Administration <sup>3</sup> .....	282.2	-	200.3	.0	28.2	.0	45.1	.0	8.5	.0
Dept of Housing & Urban Development .....	62.7	35.9	12.1	.0	1.1	.0	13.5	.0	.0	.0
Department of the Interior, total .....	619.4	545.9	17.6	.0	48.0	.0	1.0	.0	5.3	1.5
Bureau of Reclamation .....	8.9	7.0	.0	.0	1.5	.0	.2	.0	.2	.0
Geological Survey .....	553.8	517.0	5.7	.0	26.1	.0	.0	.0	5.0	.0
Minerals Management Service .....	28.7	7.5	10.7	.0	8.7	.0	.2	.0	.1	1.5
National Park Service .....	28.0	14.4	1.3	.0	11.6	.0	.6	.0	.0	.0
Department of Justice, total .....	102.8	44.7	3.2	3.6	15.4	2.6	21.2	.0	12.1	.0
Bureau of Prisons .....	6.6	3.0	.0	.0	.0	.0	.0	.0	3.6	.0
Federal Bureau of Investigation .....	41.4	41.4	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc .....	.6	.2	.4	.0	.0	.0	.0	.0	.0	.0
Office of Justice Programs .....	54.2	-	2.8	3.6	15.4	2.6	21.2	.0	8.6	.0
Department of Labor, total .....	66.0	22.3	9.7	.0	5.6	.0	28.3	.0	.0	.0
Bureau of Labor Statistics .....	12.3	8.4	.0	.0	3.9	.0	.0	.0	.0	.0
Employment & Training Admin .....	38.9	10.8	.0	.0	1.4	.0	26.6	.0	.0	.0
Occupational Safety & Health Admin .....	5.0	1.6	3.4	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary .....	5.3	.2	5.1	.0	.0	.0	.0	.0	.0	.0
Pension Benefit Guaranty Corp .....	.7	.3	.4	.0	.0	.0	.0	.0	.0	.0
Pension & Welfare Benefits Admin .....	3.8	1.0	.8	.0	.3	.0	1.7	.0	.0	.0
Department of State <sup>4</sup> .....	1.5	.5	1.0	.0	.0	-	.0	.0	.0	.0
Department of Transportation, total .....	866.1	289.3	310.5	1.1	60.6	.3	17.6	5.0	180.5	1.2
Coast Guard .....	20.4	14.5	5.6	.3	.0	.0	.0	.0	.0	.0
Federal Aviation Administration .....	264.8	111.8	133.0	.0	15.0	.0	.0	5.0	.0	.0
Federal Highway Administration .....	426.9	78.0	132.9	.8	24.7	.3	13.7	.0	176.5	.0
Federal Railroad Administration .....	25.5	11.9	12.0	.0	1.3	.0	.0	.0	.0	.3
Federal Transit Administration .....	15.2	2.6	.5	.0	6.1	.0	2.0	.0	4.1	.0
Nat'l Highway Traffic Safety Admin .....	95.3	60.0	22.4	.0	11.0	.0	1.0	.0	.0	.9
Office of the Secretary .....	4.7	4.7	.0	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Admin .....	13.4	5.9	4.1	.0	2.5	.0	.9	.0	.0	.0
Department of the Treasury, total .....	67.8	52.7	15.1	.0	.0	.0	.0	.0	.0	.0
Bureau of Engraving & Printing .....	2.7	2.7	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service .....	62.5	48.9	13.6	.0	.0	.0	.0	.0	.0	.0
Office of Thrift Supervision .....	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0
United States Mint .....	1.3	.1	1.3	.0	.0	.0	.0	.0	.0	.0
United States Secret Service .....	1.1	.9	.2	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs .....	367.0	367.0	.0	.0	.0	.0	.0	.0	.0	.0

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Other agencies:										
Appalachian Regional Commission .....	.8	-	.3	.0	.4	.0	.1	.0	.0	.0
Environmental Protection Agency .....	530.1	125.1	177.6	.0	151.6	.0	63.1	.0	11.1	1.6
Federal Communications Commission .....	3.5	3.5	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission .....	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0
International Development Cooperation Agency, total .....	216.9	26.0	10.5	.0	13.7	.0	146.4	.0	.0	20.4
Agcy for International Dvlpmt <sup>5</sup> .....	216.9	26.0	10.5	.0	13.7	.0	146.4	.0	.0	20.4
Library of Congress .....	2.1	1.6	.5	.0	-	.0	.0	.0	.0	.0
National Aeronautics & Space Admin .....	9,602.4	2,496.9	4,515.4	.9	786.6	1,286.0	384.8	9.5	11.1	111.2
National Archives & Records Admin .....	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation .....	3,179.9	27.1	114.5	.1	2,634.1	193.8	185.7	1.0	6.8	16.9
Nuclear Regulatory Commission .....	53.0	14.9	4.1	15.5	3.7	7.1	.5	5.9	.0	1.3
Smithsonian Institution .....	103.0	103.0	.0	.0	.0	.0	.0	.0	.0	.0
Social Security Administration .....	41.6	1.2	22.2	.0	6.1	.0	6.1	.0	6.0	.0

<sup>1</sup> Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

<sup>2</sup> The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.

<sup>3</sup> Data for fiscal years 1999-2001 from the Substance Abuse & Mental Health Services Administration (SAMHSA) are estimates based on SAMHSA's obligations by program activity budget and previously reported funding for development.

<sup>4</sup> Effective April 1, 1999, all functions and authorities of the United States Arms Control & Disarmament Agency were transferred to the Department of State.

<sup>5</sup> Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 1999-2001) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-1996). More accurate data for AID will be reported in future volumes of this survey.

**NOTES:** Because of rounding, detail may not add to totals.

Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

**KEY:** - = Amount less than 50 thousand dollars  
FFRDCs = Federally funded research and development centers

**SOURCE:** National Science Foundation/Division of Science Resources Studies, Survey of Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001